## JC04 Rec'd PCT/PTO U7 OCT 2005

PTO-1390 (Rev. 07-2005)
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TF	RANSMITTAL LETTER TO		ATTORNEY'S DOCKET NUMBER 64223(52059)			
	DESIGNATED/ELECTED		U.S. APPLICATION NO. (if known, see 37 CFR 1.5)			
	NCERNING A SUBMISSION NO.	ON UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE	PRIORITY 94 E 545 6 4 0			
	PCT/EP04/002763	17 March 2004	11 April 2003			
	F INVENTION PATUS AND PROCESS FOR TH	HE PRODUCTION OF VINYL CHIL	ORIDE BY THERMAL CRACKING OF 1,2-			
DICHLO	DROETHANE	TET RODGOTION OF VIETE OFFICE	STUDE BY THERWAL GOVERNING OF 1,2			
	ANT(S) FOR DO/EO/US ammerhofer et al.					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1. x	1. x This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.					
2.	2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.					
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. x	The US has been elected (Article 31).					
5. x	x A copy of the International Application as filed (35 U.S.C. 371 (c)(2))					
a.[	is attached hereto (required on	nly if not communicated by the Internation	onal Bureau).			
b.	x has been communicated by the	e International Bureau.				
c.[	is not required, as the applicati	ion was filed in the United States Recei	ving Office (RO/US).			
6. x	An English language translation of	the International Application as filed (35	5 U.S.C. 371(c)(2)).			
a.[	x is attached hereto.					
b.	has been previously submitted	l under 35 U.S.C. 154(d)(4).				
7. x	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
а.	a. are attached hereto (required only if not communicated by the International Bureau).					
b.[	b. have been communicated by the International Bureau.					
c.[	have not been made; however, the time limit for making such amendments has NOT expired.					
d.[	x have not been made and will n	not be made.	ŕ			
8	An English language translation of	the amendments to the claims under P	CT Article 19 (35 U.S.C. 371(c)(3)).			
9. x	An oath or declaration of the invent	tor(s) (35 U.S.C. 371(c)(4)).	·			
10.	An English language translation of Article 36 (35 U.S.C. 371(c)(5)).	the annexes of the International Prelim	inary Examination Report under PCT			
Item	s 11 to 20 below concern docur	ment(s) or information included:				
11. X	An Information Disclosure Staten	ment under 37 CFR 1.97 and 1.98.				
12. x	An assignment document for recor	rding. A separate cover sheet in compli	ance with 37 CFR 3.28 and 3.31 is included.			
13. x	A preliminary amendment.	·				
14. X	An Application Data Sheet under	37 CFR 1.76.				
15	A substitute specification.					
16	A power of attorney and/or change of address letter.					
17	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.					
18.	A second copy of the published In	nternational Application under 35 U.S.O	C. 154(d)(4).			
19.	A second copy of the English lang	guage translation of the international a	pplication under 35 U.S.C. 154(d)(4).			

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/EP04/002763 64223(52059) 20. x Other items or information: Return Receipt Postcard; Copy of the International Search Report; Copy of the Written Opinion; Copy of the published PCT Application No. WO 2004/089860US The following fees have been submitted **PTO USEONLY CALCULATIONS** 21. x 300.00 Examination fee (37 CFR 1.492(c)) 22. x If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)...... 200.00 S All other situations .\$200 23. x Search fee (37 CFR 1.492(b)) \$ 400.00 previously communicated to the US by the IB......\$400 All other situations. TOTAL OF 21, 22 and 23 = 900.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).
The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number) 16 - 100 = /50 = x \$250.00 \$ Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration \$ after the date of commencement of the national stage (37 CFR 1.492(h)). NUMBER FILED NUMBER EXTRA CLAIMS RATE Total claims 15 - 20 =x 0.00 Independent claims 2 - 3 = x 0.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) TOTAL OF ABOVE CALCULATIONS = 900.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL = \$ 900.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). \$ \$ 900.00 **TOTAL NATIONAL FEE :** Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied \$ 40.00 by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property **TOTAL FEES ENCLOSED:** \$ 940.00 Amount to be \$ refunded: Amount to be \$ charged

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. A check in the amount of \$ to cover the above fees is enclosed. 04-1105 940.00 Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit 04-1105 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Peter F. Corless **EDWARDS & ANGELL, LLP** P.O. Box 55874 Peter F. Corless Boston, Massachusetts 02205 NAME (617) 439-4444 CUSTOMER NUMBER: 21874 33,860 REGISTRATION NUMBER

Application No.	(if known	): Not Yet	Assigned
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Attorney Docket No.: 64223(52059)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV711313785US in an envelope addressed to:

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Peter F. Corless

Typed or printed name of person signing Certificate

33,860

(617) 439-4444

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application Data Sheet (3 pages)

Return Receipt Postcard; Copy of the International Search Report; Copy of the Written Opinion; Copy of the published PCT Application No. WO 2004/089860US

English language translation of the International application

Oath or declaration of the inventor(s) Assignment document for recording

Assignment (1 pages)

Transmittal Letter to the United States Designated-Elected Office

First Preliminary Amendment

IDS (Citation) by Applicant (3 References)

Information Disclosure Statement Recordation Form Cover Sheet

Charge \$940.00 to deposit account 04-1105